# WATER MONKEY
## WATER MONITORING SOLUTION

The Water Monkey is a battery-powered water monitoring device that also detect leaks. The Water Monkey operates autonomously over LTE-M or NB-IoT wireless networks and is compatible with almost all meter makes and models. The Water Monkey analyzes your water consumption behavior patterns and uses its Artificial Intelligence and Machine Learning algorithms to detect leaks and unusual flow rates.

The Water Monkey gives you granular water insights and detects leaks and pipe bursts to help reduce your water risk while simultaneous alerting you of leaks that otherwise go undetected and may cost you a pretty fortune.

## KEY FEATURES

- AI algorithm - monitors, learns, & adapts
- Real-time email, SMS, & telegram alerts
- Water & tamper proof
- Easy install - No wiring or pipe cutting
- Integrates with existing infrastructure
- Compatible with all meter makes and models
- Day, time, and volume threshold alerts
- One device supports up to 2 meters

FC  IC  NB-IoT  LTE-M

CONNECTED SENSORS

# WATER MONKEY
## TECHNICAL SPECIFICATIONS

## MECHANICAL PROPERTIES & WARRANTY

SMA-RF Connector for external Antenna

3-Pin Remote Smart Pulse Head connector

Blue Status Indication LED

IP54 Enclosure

Glass Reinforced Nylon Composite Material

Kevlar Reinforced Velcro Straps

2 Year Limited Warranty

## CHIPSET & MEMORY

ARM Cortex M33

1MB Flash

256kB RAM

4MB of space for local logging

## SUPPORT NETWORKS

3GPP LTE release 13 Category M1 and NB1 compliant

3GPP release 14 NB2 compliant

Supports 4FF Nano SIM

## POWER REQUIREMENTS

3.6V primary cell battery pack

12000mAh battery

Lithium Thionyl Chloride (Li-SOC12)

2-5 years (installation dependent)

## FC / IC  REGULATION

Contains FCC ID: 2ANPO00NRF9160

Contains IC: 24529-NRF9160
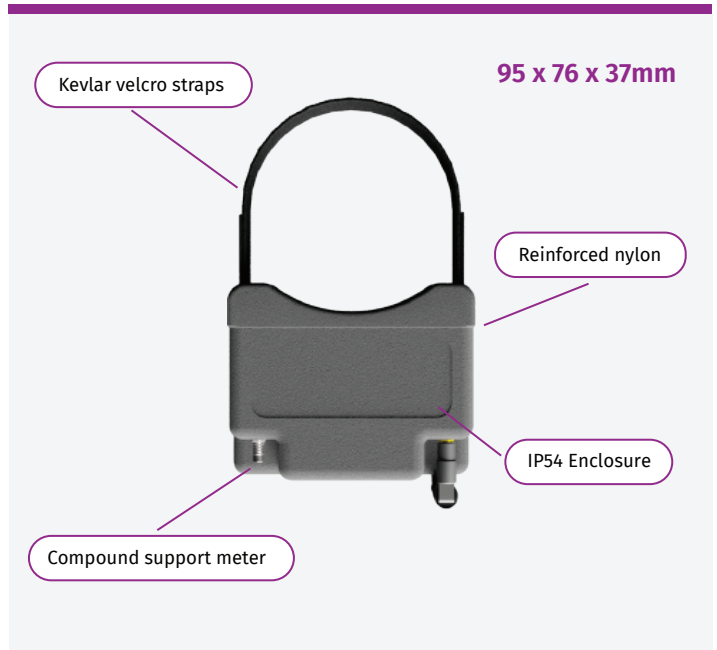
CAN ICES-3 (B)/NMB-3 (B)

## ANTENNA PERFORMANCE

Antenna Type: Whip, Tilt/Swivel • Number of Bands: 6

Frequencies: 600MHz, 700MHz, 800MHz, 850MHz, 900MHz, 1.575GHz, 1.7GHz, 1.8GHz, 1.9GHz, 2.1GHz, 2.3GHz, 2.5GHz, 3.3GHz, 3.5GHz, 3.7GHz

## SUPPORTED BANDS

Cat-M1: B1, B2, B3, B4, B5, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B66

Cat-NB1/NB2: B1, B2, B3, B4, B5, B8, B12, B13, B17, B18, B20, B25, B26, B28, B66

## DIMENSIONS & FEATURES

Kevlar velcro straps

95 x 76 x 37mm

Reinforced nylon

IP54 Enclosure

Compound support meter

## RELATED PRODUCTS

ODEUS Water Monitoring

Water Consumption Audit

# SMART PULSE ADAPTER
## WATER MONKEY COMPOUND METER ATTACHMENT

The SmartPulse converter is intended to be used in conjunction with the Water Monkey to enable the monitoring of dual head or compound water meters. The SmartPulse adapter deploys an Always-On active detection algorithm that is capable of detecting pulses from a variety of industry standard water meters and features an easy install self-calibration feature.
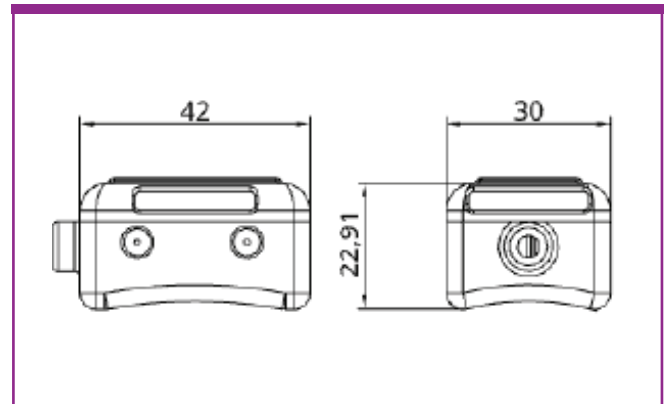
## KEY FEATURES

Dual head or compound meter support

Always on active water detection

Compatible with various meter sizes

## TECHNICAL SPECIFICATIONS

IP Rating: IP65

Cable Length: 300mm

Material: Glass Reinforced Nylon PA12

## DIMENSIONS

CONNECTED SENSORS

# CONNECTED SENSORS